Idaho Content Standards
Mathematics Concepts And Vocabulary Grade 6

*This word list is not to be taught to students. The list is only reflective of concepts that students may encounter in classroom or state assessments.

*The words in this list are intended to match the language of instruction to the language of assessment.

Students are expected to know and apply VOCABULARY from previous grades.

Words in italics indicate that these words may be new for this grade level.

Standard 1: Number and Operation	
add	half
addend	half dollar
billion	hundred
budget	hundred thousand
calculator	hundredth
cent	improper fraction
change (money)	*integer*
collection	*magnitude*
combination	million
compare	mixed number
composite	multiple
computation	multiply
computer	*negative number*
conjecture	nickel
consecutive	number line
decimal	*numeral*
denominator	numerator
difference	numerical expression
digit	odd number
dime	operation
divide	order
dividend	*order of operations*
divisor	overestimate
dollar	parenthesis
double	penny
eighth	*percent*
equivalent	place value
estimate	*positive number*
even number	predict
expanded form	prime
factor	*prime factorization*
fifth	product
fourth	proper fraction
fraction	quarter

quarter hour
quotient
rational number
regroup (borrow, carry)
remainder
rounding
sequence
set
sixteenth
solve
square
square unit
squared
subtract

sum
tax
ten thousand
tenth
third
thousand
thousandth
total
triple
twice
underestimate
Venn diagram
whole number

Standard 2: Concepts and Principles of Measurement

area
calendar
capacity
Celsius
centimeter
century
circle
circumference
compass (circle)
convert
cup
customary
decade
degree
diameter
digital
elapsed time
Fahrenheit
foot
formula
gallon
gram
half hour
height
hour
hour hand
inch
kilogram
kilometer
length

liter
measurement
meter
metric
mile
milliliter
millimeter
minute
minute hand
ounce
parallelogram
per
perimeter
pi (π)
pint
polygon
pound
protractor
quart
quarter
quarter hour
radius
ratio (map)
rectangle
ruler
scale (map)
square
temperature
thermometer
time

ton
triangle
unit
volume

weight
width
yard

Standard 3: Concepts and Language of Algebra and Functions

algebra
algebraic equation
associative property
change
commutative property
distributive property
equal
equal sign
equation
expression
factor
function
greater than
identity property
improper fraction
input
inverse property
length
less than
manipulative
mathematical model

measure
more than
numeric expression
number sentence
pattern
pictorial representation
proper fraction
properties
relationship
rule
sequence
simplify
solution
solve
substitution
symbol
term
unknown number
value
variable
zero property

Standard 4: Concepts and Principles of Geometry

acute angle
angle
area
attribute
circle
circle graph (pie chart)
cone
congruent
coordinate plane
coordinate points
coordinates
cube
cylinder
equilateral triangle
face
figure
first quadrant

geometry
geometric
hexagon
horizontal
intersecting
line
line of symmetry
line segment
line symmetry
number line
obtuse angle
octagon
ordered pair
parallel
parallelogram
pentagon
perimeter

perpendicular
plane figure
point
polygon
polyhedra
prism
pyramid
quadrilateral
ray
rectangle
reflection
rhombus
right angle
right triangle
rotation
shape

side
similar
spatial relationship
sphere
square
straight angle
symmetrical
symmetry
three dimensional
translation
trapezoid
triangle
two dimensional
vertical
vertex

Standard 5: Data Analysis, Probability, and Statistics

average
axes labels
axes scales
bar graph
broken line graph
chart
circle graph
column
data
display
experiment
fraction notation
frequency
frequency table
graph
label

line graph
line plot
median
mean
mode
order
pictograph
pie graph
prediction
probability
range
row
table
tally mark
title